

**SAS Superstructure**

Location: 04-SF-80-13.2 / 13.9

Client Name: CalTrans

Run date 22-Nov-14

Time 6:37 AM

Daily Diary Report by Bid Item

Contract No.: 04-0120F4

Diary #: 294 Const Calendar Day: 507 Date: 24-Oct-2013 Thursday

Inspector Name: Altamirano, Victor Title: Transportation Engineer

Inspection Type:

Shift Hours: Break: Over Time:

Federal ID:

Location:

Reviewer: Schmitt, Alex Approved Date: Status: Submit

**04-0120F4
04-SF-80-13.2/13.9
Self-Anchored
Suspension Bridge****Weather**

Temperature	7 AM	12 PM	4 PM
Precipitation			Condition

Working Day ☒ If no, explain:**Diary:**

Dispute

Work description.

Inspector(s): Victor Altamirano (10 hours total including 2 hours overtime)

Date: 102413

Location: West of OTD building test area

Weather: 52 Degrees / Cloudy

Field Work -

Workers were drilling rod holes into footing # 5 & 9 for test rigs. One worker was using a drill to drill past the rebar in the footing and the other worker was drilling to minimum 8" depth.

A worker began drilling into footing #6 into rebar by about 0912. The other worker was still drilling at # 9, several rod holes were not completed.

I left the jobsite about 0930 and came back at 1110 and a worker was drilling holes for 1/2" anchor rods at footing # 11. The other worker left the job site to look for another drill bit.

I made a log of the outstanding rod holes that still needed to be drilled to the minimum depth of 8." All of the footings had several holes that needed drilling. At test rig # 7, some of the rod holes on the west side for test rig measured about 16" depth. This would leave about 4" of stick-out and not enough to install the nuts. ABF and CT inspectors agreed to provide enough epoxy in these rod holes to provide the minimum 8" rod stick-out.

Workers used a vacuum to clean out the rod hole in between the drilling operations. As I continued to verify the length of the rod hole I found that there was a hole in one of the footings that was about 1.5" short of minimum requirement of 8." I informed the worker and he agreed to re-drill.

Dave (VGO) received the shipment from UPS to install plastic conduit around the wiring that had been previously laid out for the strain gages.

I observed the other iron worker drilling at footing # 9.

Drilling rod holes into footings was still ongoing after lunch. One of the workers moved from footing # 11 to footing # 5 to drill the full depth after being done with footing 11.

Dave (VGO) was working inside the trailer and there was one more conduit to install around the wires. He indicated that one roll of conduit did not make it during shipping and he indicated that he will use some of the left over conduit to cover up the last set of wires. Towards the end of the day, there was a short length of wires that had no conduit and VGO covered it up with wooden box to protect it.

A laborer came to help vacuum the rod holes after lunch and by about 1350, holes for test rig footings 5, 6 and 7 were completed and no holes drilled for guide angles.

1400 - Footing # 8 was drilled to a minimum depth and most of the rod holes were drilled to 11".

1453 - Footing # 9 was drilled to a minimum depth. Test rig footings 10 and 11 were the last ones left to drill. The workers completed drilling 8" minimum depth anchor rod holes for test rig at footing # 10 by 1542. A worker moved to footing # 11 and started drilling holes. The laborer was vacuuming the rod holes at footing # 5. Another iron worker came to the jobsite that hadn't been there before and helped a



Daily Diary Report by Bid Item

Job Name: 04-0120F4 **Inspector Name** Altamirano, Victor **Diary #:** 294 **Date:** 24-Oct-2013 **Thursday**

worker place and set test rig # 5 using a forklift (#81484). They completed by about 1630.
Office Work -
I finalized past diaries.

Equipment -

3 radios for 21 regular hours and 4 OT hours.

Extendable forklift for 1/2 regular hours.

Small forklift for 4 regular hours.

110KW Generator for 8 regular hours and 2 OT hours.

2 Drills for 16 regular hours and 4 OT hours.

1 Kubota for 8 regular hour and 2 OT hours.

185 CFM Air Compressor for 5 regular hours.

20' K-rail (27 k-rails were being rented for the Department)

10' k-rail (8 k-rails were being rented for the Department)

Ten (10) total 12"x12" crane mats that were 5'x16' each.

ABF engineer: K. Chen (4 hours regular time)

CCO-314 Bid Item: 001 0-RRR-EFA.314 E2 Remove, Replace & Test Rods

AMERICAN BRIDGE/FLUOR, A JV

Labor

Trade	Class	Name	RT Hrs	OT Hrs	DT Hrs	Total	Remarks	Dispute
Contractor: AMERICAN BRIDGE/FLUOR, A JV								
Semi-Skilled Laborer	JNM	CARLOS GARCIA	5.00	0.00	0.00	5.00		<input type="checkbox"/>
Ironworker	JNM	RICHARD DAMBOISE	0.50	0.00	0.00	0.50		<input type="checkbox"/>
Ironworker	APP	ROBERT MARTELL	8.00	2.00	0.00	10.00		<input type="checkbox"/>
Ironworker	JNM	BARRY ROTHMAN	8.00	2.00	0.00	10.00		<input type="checkbox"/>

Attachment



VGO rep. installing conduit for wiring for strain gauges.



Anchor rod hole drilled too deep and epoxy will need to be applied to reduce depth to about 8"

Daily Diary Report by Bid Item

Job Name: 04-0120F4

Inspector Name Altamirano, Victor

Diary #: 294

Date: 24-Oct-2013

Thursday



Placing test rig 5 on footing and installing 1" anchor rods.